Please type a plus sign (+) inside this box

PTO/SB/05 (08-00)

Approved for use through 10/31/2002, OMB 0651-0032 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. MATI-197US

First Inventor or Application Identifier Gregory Michael Perkins

EFFICIENT GREATEST COMMON DIVISOR ALGORITHM USING MULTIPRECISION ARITHMETIC

Express Mail Label No. EL 736 965 638 US (Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)) Assistant Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO **Box Patent Application** See MPEP chapter 600 concerning design patent application contents. Washington, DC 20231 7. CD-ROM or CD-R in duplicate, large table or 1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🛛 Specification [Total Pages a. Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or - Cross References to Related Applications ii. 🔲 paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Background of the Invention - Brief Summary of the Invention **ACCOMPANYING APPLICATIONS PARTS** - Brief Description of the Drawings (if filed) - Detailed Description 9. 🛛 Assignment Papers (cover sheet & document(s)) - Claim(s) 10. 37 C.F.R.§3.73(b)Statement Power of - Abstract of the Disclosure (when there is an assignee) [Total Sheets 6 4. 🛛 Drawing(s) (35 U.S.C.113) 11. English Translation Document (if applicable) 5. Oath or Declaration Total Pages | 2 12. Copies of IDS Information Disclosure a. Newly executed (original or copy) Statement (IDS)/PTO-1449 Citations b. Copy from a prior application (37 CFR 1.63 (d)) 13. 🔲 **Preliminary Amendment** (for a continuation/divisional with Box 17 completed) 14. 🛛 Return Receipt Postcard (MPEP 503) (Should be specifically itemized) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) 15. 🔲 Certified Copy of Priority Document(s) named in the prior application, see 37 CFR (if foreign priority is claimed) 1.63(d)(2) and 1.33(b). 16. 🛛 Other: 2 Checks and Certificate of Express Mail Application Data Sheet. See 37 CFR 1.76 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_ Prior application information: Examiner Group / Art Unit For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 17. CORRESPONDENCE ADDRESS or 🔲 Correspondence address below □ Customer Number or Bar Code Label (Insert Cush 23122 Name PATENT TRADEMARK OFFICE Address City State Zip Code Country Telephone Fax Name (Print/Type) Kenneth N. Nigon Registration No. (Attorney/Agent) 31,549 Signature January 17, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FFF TDANC	RAITTAI	Complete if Known					
FEE TRANS		Application Number	To Be Assigned Herewith				
for FY 2	2001	Filing Date					
		First Named Inventor	Gregory Michael Perkins				
Patent fees are subject to	annual revision	Examiner Name					
		Group / Art Unit					
TOTAL AMOUNT OF PAYMENT	(\$) 750	Attorney Docket No.	MATI-197US				

TOTAL	LAMO	JN I OF I	PAYN	AENI	(\$)	/50			Attorn	ey Docke	et No.	IVIAT	-19/05		
METHOD OF PAYMENT (check one)								Т	FEE CALCULATION (continued)						
The Commissioner is hereby authorized to charge						3. ADI	DITIONAL	FEES							
1. Deposit Account 18-0350						Large Fee Code	Entity Fee (\$)	Small Fee Code	Fee (\$)	Fee Description	Fee Paid				
Number			ŀ	105	130	205	65	Surcharge - late filing fee or oath							
D						127	50	227	25	Surcharge - late provisional filing fee or cover sheet.					
Deposit Account Ratner & Prestia					139	130	139	130	Non-English specification						
Name Rather & Presita						147	2,520	147	2,520	For filing a request for reexamination					
☐ Charge Any Additional Fee Required     ☐ Under 37 CFR 1.16 and 1.17					112	920*	112	920*	Requesting publication of SIR prior to Examiner action						
Applicant claims small entity status.  See 37 CFR 1.27					113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action						
2. A Payment Enclosed:						115	110	215	55	Extension for reply within first month					
☑ Check ☐ Credit card ☐ Money ☐ Other						116	390	216	195	Extension for reply within second month					
Order								117	890	217	445	Extension for reply within third month			
FEE CALCULATION  1. BASIC FILING FEE						118	1,390	218	695	Extension for reply within fourth month					
Large	Entity S	Small E	ntity						128	1,890	228	945	Extension for reply within fifth month		
Fee				Fee Desc	ripti	n	_		119	310	219	155	Notice of Appeal		
Code	,	Code (\$						Paid	120	310	220	155	Filing a brief in support of an appeal		
101				Utility filing	-		711		121	270	221	135	Request for oral hearing		
106 107				-	Design filing fee					1,510	138	1,510	Petition to institute a public use proceeding		
108	710 2	208 3	55	Reissue fi	Reissue filing fee				140	110	240	55	Petition to revive – unavoidable		
114 150 214 75 Provisional filling fee						141	1,240	241	620	Petition to revive - unintentional					
					142	1,240	242	620	Utility issue fee (or reissue)						
		SUB	TOTA	L (1)			(\$)	710	143	440	243	220	Design issue fee		
2. EXTR	A CLAIN	IFFES			_				144	600	244	300	Plant issue fee		
				Extra		Fee from		Fee	122	130	122	130	Petitions to the Commissioner		
Total Claim	s 20	-20**	- = [	Claims 0	] x	below	] = [	Paid 0	123	50	123	50	Petitions related to provisional applications		
independent Claims	3	-3**	=	0	x		=	0	126	240	126	240	Submission of Information Disclosure Stmt		
Multiple Dependent	<u> </u>		,		×		] = [	0	581	40	581	40	Recording each patent assignment per property (times number of properties)	40	
Large Fee	Entity Fee	Small Fee	Entity Fee	y Fee De	secri	ntion			146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		
Code	(\$)	Code	(\$)						149	710	249	355	For each additional invention to be		
103	18	203	9	Claims in excess of 20			1				examined (37 CFR § 1.129(b))				
102	80	202	40	Independent claims in excess of 3			179	710	279	355	Request for Continued Examination (RCE)				
104	270	204	135		Multiple dependent claim, if not paid			169	900	169	900	Request for expedited examination	<b></b>		
109	80	209	40	origina	** Reissue independent claims over original patent  ** Reissue claims in excess of 20 and					-	. • -		of a design application		
110	18	210	9			laims in ex I patent	cess	or 20 and	Others	/	5.A				
SUBTOTAL (2) (\$) 0 Other fee (specify)															
**or numb	ber previou	isly paid, if	greater	; For Reiss	ues,	see above			*Redu	ced by Ba	asic Filin	g Fee Pa	aid SUBTOTAL (3) (\$) 40		

SUBMITTED BY Complete (if applicable)												
Name (Print/Type)	Kenneth N. Nigon	Registration No. Attorney/Agent)	31,549	Telephone	(610) 407-0700							
Signature	acio	ten aus		Date	January 17, 2001							

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## Certificate of Mailing under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to:

Assistant Commissioner for Patents Washington, D.C. 20231

on <u>January 17, 2001</u>. Date

Signature

Kathleen Libby

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Trans. (1 pg.); Fee Trans. (2); Spec. (28 pgs.); Drawings (6 sheets); DECL/POA (2 pgs.); 1595; Assignment (2 pgs.); IDS (2 pgs); 1449; Copy of 1 reference; 2 checks; Postcard

EL736965638US